

Gunter, Jason

From: Nations, Mark <mnations@doerun.com>
Sent: Friday, June 13, 2014 4:27 AM
To: Gunter, Jason
Cc: Yingling, Mark; James, Kevin; Neaville, Chris; Wohl, Matthew; martin.kator@dnr.mo.gov; robert.hinkson@dnr.mo.gov; brandon.wiles@dnr.mo.gov; Ty Morris (TMorris@barr.com); Hedrick, Samantha K.
Subject: Federal Progress Report
Attachments: FED_05-14[1].doc; Pb_Results_By_Month_March_2014_019[1].pdf

Jason, attached is the May report.
Markk

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**THE
DOE RUN
COMPANY**

Remediation Group

Mark Nations
Mining Properties Manager
mnations@doerun.com

June 12, 2014

Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
11201 Renner Blvd.
Lenexa, KS 66219

Re: The Doe Run Company – Federal Mine Tailings Site Monthly Progress Report

Dear Mr. Gunter:

As required by Article XVII, Paragraph 73 of the Administrative Order on Consent (Docket No.VII-97-F-0009) for the referenced project and on behalf of The Doe Run Company, the progress report for the period May 1, 2014 through May 31, 2014 is enclosed. If you have any questions or comments, please call me at 573-518-0800.

Sincerely,



Mark Nations
Mining Properties Manager

Enclosure

c: Mark Yingling – TDRC (electronic only)
Kevin James – TDRC (electronic only)
Chris Neaville – TDRC (electronic only)
Matt Wohl – TDRC (electronic only)
Martin Kator – MDNR - DSP
Robert Hinkson – MDNR - HWP
Brandon Wiles – MDNR
Ty Morris – Barr Engineering

Federal Mine Tailings Site
Park Hills, Missouri
Monthly Progress Report
Period: May 1, 2014 – May 31, 2014

1. Actions Performed or Completed This Period:

- a. Work continued on the task of stockpiling rock onsite. This work focused on stockpiling trail rock, Type 1 riprap, Type 2 riprap, Type 3 riprap, and Slope Protection Rock. These rock types are being stockpiled in the Borrow Area and in a staging area near the Former Chat Pile Area. As of the end of the period, work on this task continued.
- b. Work continued in the Borrow Pit Area. This work focused on covering the open areas with rock. As of the end of the period, work on this task continued.
- c. Work continued across the site. This work focused on seeding and fertilizing un-vegetated areas that had not been covered with material and fertilizing/enhancing areas with current vegetation. As of the end of the period, work on this task continued.
- d. Work continued in the Former Chat Pile Area. This work focused on grading the ditches and placing cover material over the area. As of the end of the period, work on this task continued.
- e. Work continued in the Shaw Branch Creek Area. This work focused on final grading the Sedimentation Ponds. As of the end of the period, work on this task has been completed.
- f. Work in the Shaw Branch Creek Area also focused on rocking the drainage channels and slopes. As of the end of the period, work on this task has been completed.

2. Data and Results Received This Period:

- a. Attached are the lead monitoring results for the Missouri Department of Natural Resources – Department of State Parks (MDNR-DSP) air monitor located near the ORV Riding Area for March 2014. Neither The Doe Run Company nor Barr Engineering were involved with siting this monitor, collecting the samples, processing the samples, evaluating the data, or verifying the accuracy of the data.
- b. During this period, the Ambient Air Monitoring Report for February 2014 was completed. Any issues identified in this report are discussed below. A copy of this document has been sent to your attention.

3. Planned Activities for Next Period:

- a. Work in the Borrow Pit Area will continue on covering the open areas with rock or soil.
- b. Work in the Former Chat Pile Area will continue. Work in this area will focus on placing cover materials outside of the drainage channels.
- c. Work across the site will continue with the designated seeding and fertilizing activities.
- d. Work will continue on the task of stockpiling trail rock, Type 1 riprap, Type 2 riprap, and Slope Protection Rock.

4. Changes in Personnel:

- a. None.

5. Issues or Problems Encountered and the Resolution:

- a. None.

Air Quality Monitoring Pb results for March 2014

St. Joe State Park

Primary

AQM Pb results for January 2014					AQM Pb results for February 2014						
St. Joe State Park					St. Joe State Park						
Primary					Primary						
Sample Number	Date Collected	Sampler:	Result		Sample Number	Date Collected	Sampler:	Result			
AC17752	1/2/2014	#1 Primary	0.0563	µg/m³	AC19391	2/1/2014	#1 Primary	0.0040	µg/m³		
AC17772	1/5/2014	#1 Primary	0.0111	µg/m³	AC19411	2/4/2014	#1 Primary	0.0067	µg/m³		
AC17792	1/8/2014	#1 Primary	0.0035	µg/m³	AC19419	2/7/2014	#1 Primary	0.0044	µg/m³		
AC17812	1/11/2014	#1 Primary	0.0035	µg/m³	AC19425	2/10/2014	#1 Primary	0.0079	µg/m³		
AC17828	1/14/2014	#1 Primary	0.0063	µg/m³	AC19431	2/13/2014	#1 Primary	0.0086	µg/m³		
AC17834	1/17/2014	#1 Primary	0.0311	µg/m³	AC19437	2/16/2014	#1 Primary	0.0086	µg/m³		
AC17840	1/20/2014	#1 Primary	0.0224	µg/m³	AC19443	2/19/2014	#1 Primary	0.0050	µg/m³		
AC17846	1/23/2014	#1 Primary	0.1888	µg/m³	AC19511	2/22/2014	#1 Primary	0.0054	µg/m³		
AC19351	1/26/2014	#1 Primary	0.1641	µg/m³	AC19512	2/25/2014	#1 Primary	0.0377	µg/m³		
AC19371	1/29/2014	#1 Primary	0.0093	µg/m³	AC19513	2/28/2014	#1 Primary	0.0100	µg/m³		
January Sum	0.4964	January Average	0.04964	µg/m³	February Sum	0.0983	February Average	0.00983	µg/m³		
Run Days Scheduled:	10	Actual:	10	January Data Capture Rate	100.000%	Run Days Scheduled:	10	Actual:	10	February Data Capture Rate	100.000%

Sample Number	Date Collected	Site:	Result
AC20764	3/3/2014	St. Joe State Park - #1 Primary	0.0087 µg/m³
AC20784	3/6/2014	St. Joe State Park - #1 Primary	0.0086 µg/m³
AC20804	3/9/2014	St. Joe State Park - #1 Primary	0.0085 µg/m³
AC20824	3/12/2014	St. Joe State Park - #1 Primary	0.2005 µg/m³
AC20844	3/15/2014	St. Joe State Park - #1 Primary	0.0081 µg/m³
AC20853	3/18/2014	St. Joe State Park - #1 Primary	0.0065 µg/m³
AC20859	3/21/2014	St. Joe State Park - #1 Primary	0.0057 µg/m³
AC20865	3/24/2014	St. Joe State Park - #1 Primary	0.0548 µg/m³
AC20871	3/27/2014	St. Joe State Park - #1 Primary	0.0065 µg/m³
AC20877	3/30/2014	St. Joe State Park - #1 Primary	0.0084 µg/m³
March Sum 0.3163	March Average 0.03163	µg/m³ Run Days Scheduled: 10	Actual: 10 March Data Capture Rate 100.000%

Three month rolling average: 0.03 µg/m³

Three Month Data Capture Rate: 100%